

California Regional Water Quality Control Board  
North Coast Region  
5550 Skylane Boulevard, Suite A  
Santa Rosa, CA 95403

**FACT SHEET**

**RENEWAL OF WASTE DISCHARGE REQUIREMENTS  
(NPDES PERMIT No. CA0006700)**

**FOR**

**COLLEGE OF THE REDWOODS  
WASTEWATER TREATMENT FACILITY**

**Humboldt County**

The College of the Redwoods (the College) has applied for renewal of waste discharge requirements to discharge treated wastewater under the National Pollutant Discharge Elimination System (NPDES) from the College's Wastewater Treatment Facility (WWTF). The Regional Water Board will consider the adoption of new waste discharge requirements at its November 29, 2000 Board meeting at the Eureka City Council Chambers, 531 K Street, Eureka, California.

The College operates a secondary-level sewage WWTF designed to treat 100,000 gallons per day of wastewater from the college campus complex. Wastewater is treated by activated sludge process, disinfected with chlorine, and dechlorinated prior to discharge. Treated wastewater is discharged to White Slough, which is an estuarine tributary to south Humboldt Bay at a point within the NW ¼, SE ¼, Section 29, T4N, R1W, HB&M. Sludge generated at this facility is stabilized by aerobic digestion and dried in uncovered drying beds.

Effluent limitations for conventional pollutants are based on secondary effluent standards pursuant to 40 CFR 133.103. The total suspended solids limit for discharges from SN 002 is authorized by 40 CFR 133.103(c) and the Environmental Protection Agency's determination for waste stabilization ponds at 43 Federal Register 53161. Additional effluent limitations, receiving water limitations, and discharge prohibitions are based upon water quality objectives and receiving water limitations contained in the Water Quality Control Plan for the North Coast Region (Basin Plan).

The discharge does not contain nonpriority pollutants at levels that will cause, have the reasonable potential to cause, or contribute to an excursion above any water quality standards. This finding is based in part on the summer discharge prohibition and the 100:1 dilution requirements for winter discharge.

Effluent limitations and toxic and pretreatment effluent standards are established pursuant to Sections 208(b), 301, 302, 303(d), 304, 306, 307, and 403 of the Clean Water Act and amendments thereto. The State Water Resources Control Board adopted the *Policy for Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California* (also known as the State Implementation Plan or SIP). This policy establishes implementation provisions for priority pollutant criteria promulgated by the EPA through the National Toxics Rule (NTR) and through the California Toxics Rule (CTR). The proposed NPDES permit implements provisions of the SIP.

The NPDES permit contains a monitoring and reporting program determine:

1. Compliance with Effluent Limitations, Receiving Water Limitations, and Discharge Prohibitions;
2. What priority pollutants, if any, may require water quality-based effluent limitations; and
3. Whether or not the discharge is toxic to aquatic organisms in the receiving waters.

Copies of the draft permit may be obtained by contacting the California Regional Water Quality Control Board, North Coast Region, at the address above.

For any additional information or questions in this matter, please contact:

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